

Title (en)
Elastomer molding for endoscope

Title (de)
Elastomerformteil für Endoskope

Title (fr)
Tube en élastomère pour endoscope

Publication
EP 2087914 A1 20090812 (EN)

Application
EP 08021749 A 20081215

Priority
JP 2008026669 A 20080206

Abstract (en)
The invention provides a flexible tube (1) for an endoscope, which is excellent in elasticity (impact resilience), has suitable flexibility and also has chemical resistance. Disclosed is a flexible tube (1) for an endoscope including a flexible-tube material covered thereon with a jacket (6), wherein the jacket contains two or more thermoplastic polyester elastomers crosslinked therein.

IPC 8 full level
A61B 1/005 (2006.01); **A61B 1/00** (2006.01); **A61L 29/06** (2006.01)

CPC (source: EP US)
A61B 1/00071 (2013.01 - EP US); **A61B 1/005** (2013.01 - EP US); **A61L 29/049** (2013.01 - EP US)

Citation (applicant)
• JP 2004141487 A 20040520 - OLYMPUS CORP
• EP 1867471 A1 20071219 - NITTO DENKO CORP [JP]
• JP 2007065587 A 20070315 - BRIDGESTONE CORP
• JP 2001346754 A 20011218 - ASAHI OPTICAL CO LTD
• JP 2002153418 A 20020528 - ASAHI OPTICAL CO LTD

Citation (search report)
• [X] EP 1867471 A1 20071219 - NITTO DENKO CORP [JP]
• [X] JP 2007065587 A 20070315 - BRIDGESTONE CORP
• [Y] JP 2001346754 A 20011218 - ASAHI OPTICAL CO LTD
• [Y] JP 2002153418 A 20020528 - ASAHI OPTICAL CO LTD

Designated contracting state (EPC)
DE FR GB

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2087914 A1 20090812; EP 2087914 B1 20130320; CN 101502679 A 20090812; CN 101502679 B 20130619; JP 2009183467 A 20090820; JP 5325426 B2 20131023; US 2009198021 A1 20090806; US 2010280319 A1 20101104; US 8106133 B2 20120131

DOCDB simple family (application)
EP 08021749 A 20081215; CN 200810185296 A 20081225; JP 2008026669 A 20080206; US 33350308 A 20081212; US 83888410 A 20100719